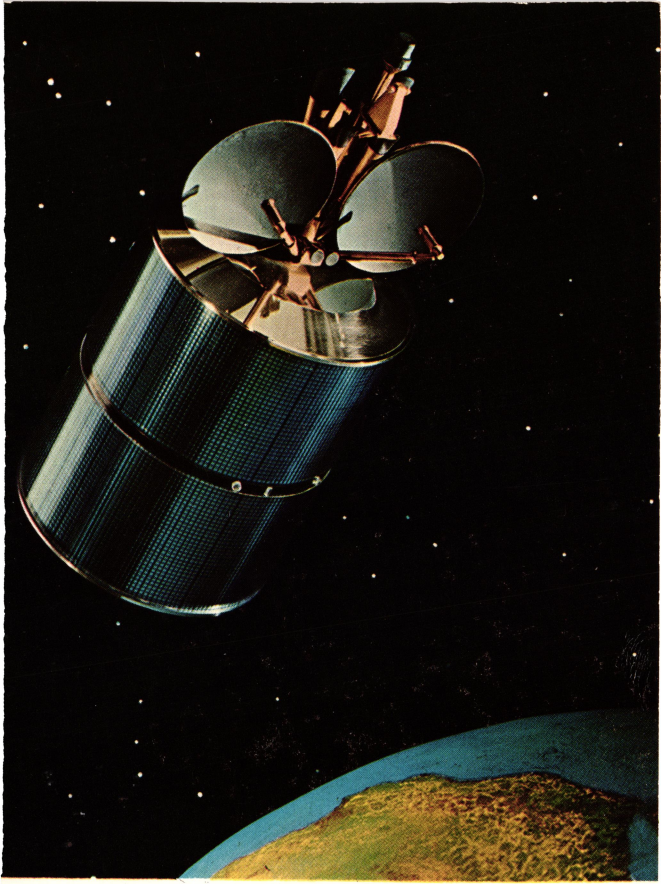

WB6WXO
HAL SILVERMAN
15142 VERMONT STREET
WESTMINSTER, CALIFORNIA 92683
WAP WAC WAS
MEMBER OF HUGHES ELECTRON DYNAMICS DIVISION RADIO CLUB

The world's biggest commercial communications satellite, Intelsat IV, containing two unique antenna systems that carry as many as 9,000 telephone calls or up to 12 color television programs between the United States and Europe, was designed and built by Hughes Aircraft Company.

The satellite has a communications capacity more than seven times as large as the previously operational Intelsat III satellites, and more than 35 times as great as Early Bird, the world's first commercial satellite, which was launched less than six years ago.

Depending upon communication needs, as many as 9,000 circuits will be available when the satellite is used in the spot-beam mode. For full coverage of the third of the world seen from synchronous altitude, the cone-shaped antennas will provide capacity for 3,000 voice circuits. Average circuit mix to accommodate presently projected needs for voice, video, data and facsimiles transmissions will be about 5,000 channels.

The new communications satellite — first in a series of eight, has an expected operating life span of seven years.

RADIO W9YT ..... Confirming

AT 2315 ST, GMT, ON 7 ..... MHz

QSO of JUNE 23 1974

UR CW/AM/2XSSB SIGS RST 59 ..... 599DC

XMTR TS 520 ..... PWR .....

RCVR SB200 ..... ANT VERT .....

Pse QSL Tnx 73 Hael WB6WXO

2EK-157

FIELD DAY 74

ARS W9YT

TNX FER F.D CONTACT
WUD APP UR QSL
FOR SB WAS

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Hael WB6WXO Q